

AMENDMENT AND RESPONSE**PAGE 2**

Serial No.: 10/781,197

Filing Date: 2/18/2004

Attorney Docket No. 200300281-1

Title: SECURE CURRENCY

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of claims:

1. (Original) A secure document, comprising:
a pliable fabric comprising human-readable information;
a memory attached to the pliable fabric in which machine-readable information about the secure document is stored; and
an interface attached to the pliable fabric and coupled to the memory that, when a reader device reads the secure document, transmits at least a portion of the machine-readable information stored in the memory to the reader device.
2. (Original) The secure document of claim 1, wherein the secure document is secure currency.
3. (Original) The secure document of claim 2, wherein the pliable fabric comprises artwork that includes the human-readable information.
4. (Original) The secure document of claim 3, wherein the artwork comprises a bar code.
5. (Original) The secure document of claim 4, wherein the bar code comprises a watermark.
6. (Original) The secure document of claim 4, wherein the bar code is printed using magnetic ink.

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7. (Original) The secure document of claim 1, wherein the pliable fabric comprises at least one of cloth, paper, and laminate.

8. (Original) The secure document of claim 1, wherein the security module further comprises a sensor, wherein when the secure document is read by a reader device, information generated by the sensor is supplied to the reader device.

9. (Original) The secure document of claim 8, wherein the sensor detects a chemical signature.

10. (Original) A currency, comprising:
a pliable fabric comprising human-readable currency information; and
a security module comprising:
a memory attached to the pliable fabric in which machine-readable currency information is stored; and
a radio frequency interface attached to the pliable fabric and coupled to the memory; and
wherein the radio frequency interface transmits at least a portion of the machine-readable currency information to a radio frequency reader device when the radio frequency interface receives a radio frequency field radiated by the radio frequency reader device.

11. (Original) The currency of claim 10, wherein the human-readable currency information comprises at least one of a human-readable identifier and a human-readable denomination.

12. (Original) The currency of claim 10, wherein the machine-readable currency information comprises at least one of a machine-readable identifier and a machine-readable denomination.

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13. (Original) The currency of claim 10, wherein the radio frequency interface comprises a power extraction circuit that extracts power from the radio frequency field, wherein the extracted power powers the security module.

14. (Original) The currency of claim 10, wherein the radio frequency interface comprises a transmit circuit that transmits the at least a portion of the machine-readable currency information to the radio frequency reader device when the radio frequency interface receives the radio frequency field radiated by the radio frequency reader device.

15. (Original) The currency of claim 10, wherein the radio frequency interface comprises a receive circuit that extracts information encoded in the radio frequency field radiated by the radio frequency reader device.

16. (Original) The currency of claim 10, wherein authorization information is stored in the memory.

17. (Original) The currency of claim 10, further comprising an integrity meter that determines the integrity of a connection between the security module and the pliable fabric.

18. (Original) The currency of claim 17, wherein the integrity meter is coupled to a current source and comprises a resistive element in parallel with the current source and a conductive loop in parallel with the current source, wherein the conductive loop comprises a plurality of hooks that attach the security module to the pliable fabric.

19. (Original) A currency, comprising:
a fabric; and

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a security module attached to the fabric, wherein the security module comprises a memory in which information about the currency is stored and an ink reservoir in which ink is stored; and

wherein when the security module receives a predetermined command, the security module releases the ink stored in the ink reservoir in order to mark the fabric.

20. (Original) The currency of claim 19, wherein the security module further comprises a duct coupled to the ink reservoir and the fabric.

21. (Original) The currency of claim 20, wherein the security module further comprises a heating element and wherein the security module releases the ink by causing the heating element to heat the duct when the currency receives the predetermined command.

22. Canceled.

23. Canceled.

24. Canceled.

25. Canceled.

26. Canceled.

27. Canceled.

28. Canceled.

29. Canceled.

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30. Canceled.

31. Canceled.

32. Canceled.

33. Canceled.

34. Canceled.

35. Canceled.

36. Canceled.

37. Canceled.

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39. Canceled.

40. Canceled.

41. Canceled.

42. Canceled.

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43. (Original) A method of manufacturing secure currency that comprises a pliable fabric, the method comprising:

attaching a security module to the pliable fabric of the secure currency;

after attaching the security module to the pliable fabric of the secure currency:

putting the secure currency into an inactive state; and

when the secure currency is ready to be put into circulation, activating the item of secure currency.

44. (Original) The method of claim 43, further comprising, before attaching the security module to the pliable fabric of the secure currency:

receiving the pliable fabric;

receiving the security module;

assigning a portion of the pliable fabric to the secure currency;

attaching the security module to the portion of the pliable fabric assigned to the secure currency;

printing artwork for the secure currency on the portion of the pliable fabric assigned to the secure currency;

writing information to a memory included the security module; and

cutting the secure currency from the pliable fabric.

45. (Original) The method of claim 43, further comprising, while the secure currency is in the inactive state, transporting the secure currency to a location where the secure currency is to be put into circulation.

46. (Original) The method of claim 43, wherein putting the secure currency into the inactive state includes reading an identifier of the secure currency and transmitting a request to put the secure currency in the inactive state to a secure server.

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47. (Original) The method of claim 43, wherein activating the secure currency includes reading an identifier of the secure currency and transmitting a request to a secure server to activate the secure currency.

48. (Original) A method of destroying a secure document that comprises a pliable fabric and a security module attached to the pliable fabric, the method comprising:
when the secure document is to be destroyed:
deactivating the secure document;
physically collecting the secure document; and
destroying the secure document, wherein destroying the secure document comprises separating the security module from the pliable fabric of the secure document.

49. (Original) The method of claim 48, further comprising, when the secure document is to be destroyed, storing information in a database indicating that the secure document is to be destroyed.

50. (Original) The method of claim 49, further comprising querying the database to determine the status of the secure document, wherein when the secure document is to be destroyed the status indicates that the secure document is to be destroyed.

51. (Original) The method of claim 48, wherein physically collecting the secure document comprises physically collecting the secure document at a predetermined location.

52. (Original) The method of claim 48, wherein deactivating the secure document further comprises changing the status stored in a database for the secure document to indicate that the secure document has been deactivated.